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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/538,767	03/30/2000	Yvonne Ng	1697 (USW 0562 PUS)	8838

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EXAMINER

LEE, SEUNG H

ART UNIT PAPER NUMBER

2876

DATE MAILED: 03/27/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/538,767

Applicant(s)

NG, YVONNE

Examiner

Seung H Lee

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 13 November 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-24 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-24 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on \_\_\_\_\_ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

## Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413) Paper No(s). \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other:

### **DETAILED ACTION**

1. Receipt is acknowledged of the response filed on 13 January 2003, which has been entered in the file.

### ***Claim Rejections - 35 USC § 102***

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

3. Claims 1, 2, 11-13, and 22-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Zanchi et al. (US 5,633,484)(hereinafter referred to as 'Zanchi').

Zanchi teaches a plurality of remote appliances such as a cellular phone (101), a desk phone (111), a personal computer (121), a personal organizer (131), and a dashboard (141) in which each appliance have different setting such as a font, a menu order preferences, a location of icons, etc. serving as a local list and each appliances equipped with a card reader to read information/data from a portable donor device (105) such as a smart card, the donor device containing a processor and memory storing a particular user's preferences such as the font, the menu order preferences, the location of icons, etc. serving as a master list wherein the donor device can be carried by user in order to update/synchronize preferences with each local appliance when the donor device was inserted into the card reader, and then the local appliances is displaying the updated/synchronized preferences on the display of local appliances thereon, the

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remote appliances including web-enabled appliances (e.g., a cellular phone and a personal computer) and non-web-enabled appliances (e.g., a desk phone and a dash board) (see Figs. 1-10; col. 1, lines 19-29; col. 2, line 31- col. 7, line 18).

***Claim Rejections - 35 USC § 103***

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 1, 3-6, 11, and 14-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over Detlef (US 6,178,403) in view of Zanchi.

Detlef teaches a personal data appliances such as an address book including details of address such as an address, a name, a telephone number, and an e-mail address (see Figs. 5 and 6; col. 3, lines 9-41).

However, Detlef fails to teach or fairly suggest that the details of addresses stored in the address book are updated/synchronized with the smart card.

The teachings of Zanchi have been discussed above.

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Zanchi to the teachings of Detlef in order to provide an improved and an enhanced means wherein users can transfer information/data from the smart card to the address book without entering each and every data field of address book such as the address, the name, etc. by inserting the

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smart card into the address book. Moreover, such modification would provide a convenience wherein users always can work with updated information/data by updating information/data to only the smart card, and therefore an obvious expedient.

6. Claims 1,7, 11 and 18 are rejected under 35 U.S.C. 103(a) as being unpatentable over Detlef in view of Zanchi and Hamann et al. (US 6,296,191)(hereinafter referred to as 'Hamann'). The teachings of Detlef/Zanchi have been discussed above.

Although, Detlef/Zanchi teaches the smart card storing lists of information wherein the smart card is synchronizing with the local appliances such as personal organizer, etc., they fail to teach or fairly suggest that the list of information includes an electronic bookmark.

Hamann teaches a smart card (100) wherein the smart card contains a memory area storing lists of addresses of the Internet (220) (see Fig.2; col. 3, lines 41-48).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the teachings of Hamann to the teachings of Detlef/Zanchi in order to provide a convenience means wherein the users can access his/her favorite/bookmarked web site using any given web-enabled electronic device wherein bookmarked internet site are updated from the smart card. Moreover, such modification would provide an improved maintenance means wherein the users do not have to bookmark the particular website on each and every electronic device since user

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can retrieve the information/data from the smart card that contains all bookmark information, and therefore an obvious expedient.

7. Claims 1, 8, 11 and 19 are rejected under 35 U.S.C. 103(a) as being unpatentable over Detlef in view of Zanchi and Teicher (US 5,744,787, of the record). The teachings of Detlef/Zanchi have been discussed above.

Although, Detlef/Zanchi teaches the smart card storing lists of information wherein the smart card is synchronizing with the local appliances such as personal organizer, etc., they fail to teach or fairly suggest that the list of information includes an electronic wallet.

However, Teicher discloses that the smart card serving as an electronic wallet (see Figs. 2 and 4; col. 1, line 21 – 57; col. 9, line 46-54).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the conventional electronic wallet as taught by Teicher to the teachings of Detlef/Zanchi in order to provide a easier and quicker transaction of purchase at the point of sale (POS) terminal, gas station, or the like. First of all, such modification would provide a constant acknowledgement of the value of electronic wallet every time the electronic funds are consumed by the customers (i.e., unlike the conventional/typical credit card which the customers have to wait until the monthly billing statement or to call the customer service center to verify the past transaction. Second, such modification would provide the easier replenishing the value of the electronic wallet by authorizing cash/money transfer from the bank account (i.e.,

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the checking account, the credit card) to the smart card using ATM, telephone, Internet transaction, or the like, then the value of electronic wallet on the smart card will be replenished during the next authorization process. Third, such modification would provide an improved and an enhanced means operator(s) can obtain the transaction/transmission information constantly from display in which display the status information during the process. Finally, such modification would provide a convenient means wherein customer(s) can carry the electronic wallet within his/her wallet/purse without carrying particular storage unit, and therefore an obvious expedient.

8. Claims 1, 9, 11 and 20 are rejected under 35 U.S.C. 103(a) as being unpatentable over Detlef in view of Zanchi and Taylor (US 5,578,808, of the record). The teachings of Detlef/Zanchi have been discussed above.

Although, Detlef/Zanchi teaches the smart card storing lists of information wherein the smart card is synchronizing with the local appliances such as personal organizer, etc., they fail to teach or fairly suggest that the list of information includes a password.

However, Taylor teaches the password (PIN) (see Fig. 1; col. 3, line 21 – 40).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the notoriously old and well known password as taught by Taylor to the teachings of Detlef/Zanchi in order to provide a secure process of the accessing each application on the smart card by assigning each application with its own unique password. Also, such modification (assigning the password with its own

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application) would prevent accidental processing of a particular application, since each application password can be different from other application's password and only the application with correct assigned password can authorize the processing, and therefore an obvious expedient

9. Claims 1, 10, 11 and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Detlef in view of Zanchi and Chen et al. (US 5,694,471, of the record)(hereinafter referred to as 'Chen'). The teachings of Detlef/Zanchi have been discussed above.

Although, Detlef/Zanchi teaches the smart card storing lists of information wherein the smart card is synchronizing with the local appliances such as personal organizer, etc., they fail to teach or fairly suggest that the smart card having encrypted password to control access the master list.

Chen teaches the using encrypted password to access the application onto the smart card to access the application onto the smart card (420 – 450)(see Fig. 5; col. 2, line 9 – 39; col. 10, line 14 – 31).

It would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate the well known encrypted password as taught by Chen to the teachings of the Detlef/Zanchi in order to provide an improved authentication process to access the master list within the smart card. Also, such modification would provide a secure synchronizing process by having the conventionally known encrypted password assigned to the smart card to be verified by the remote



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appliance to synchronize between the local list in the remote appliance and the master list on the smart card, therefore and an obvious expedient.

### ***Response to Arguments***

10. Applicant's arguments with respect to claims 1-24 have been considered but are moot in view of the new ground(s) of rejection.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure;

Hawkins et al. [US 6,000,000] discloses a method and a system for synchronizing data between two system,

Tokuda et al. [US 5,313,211] discloses a detachable IC card to a portable data processing device,


Any inquiry concerning this communication or earlier communication from the examiner should be directed to Seung H. Lee whose telephone number is (703) 308-5894. The examiner can normally be reached on Monday to Friday from 7:30 AM to 4:00 PM.

If attempt to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee, can be reached on (703) 305-3503. The fax-phone number for this group is (703) 308-5841 or (703) 308-7722.

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [michael.lee@uspto.gov].

*All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.*

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Group receptionist whose telephone number is (703) 308-0956.

  
Seung H. Lee  
Art Unit 2876  
March 21, 2003

  
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